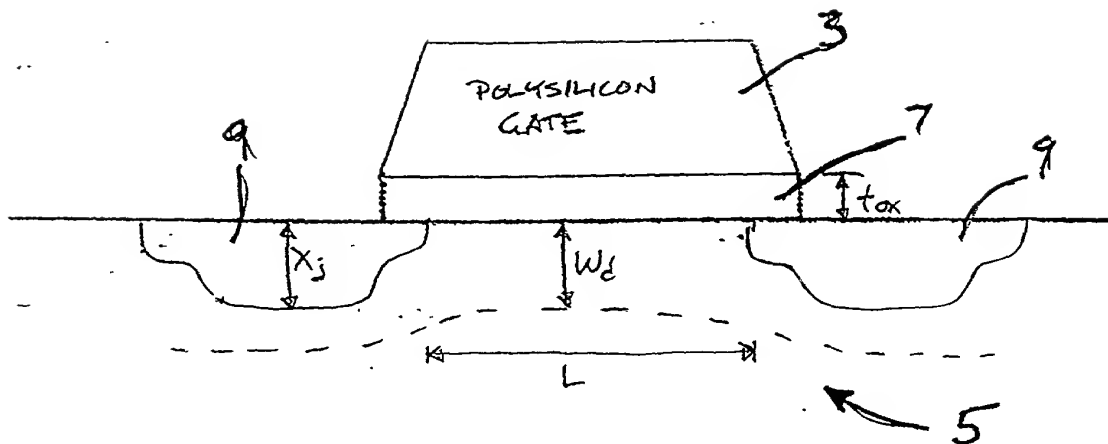


FIG. 1a



ASPECT RATIO EQUATION

$$r = \frac{3L}{(W_d \cdot t_{ox} \cdot X_j)}$$

FIG. 1b

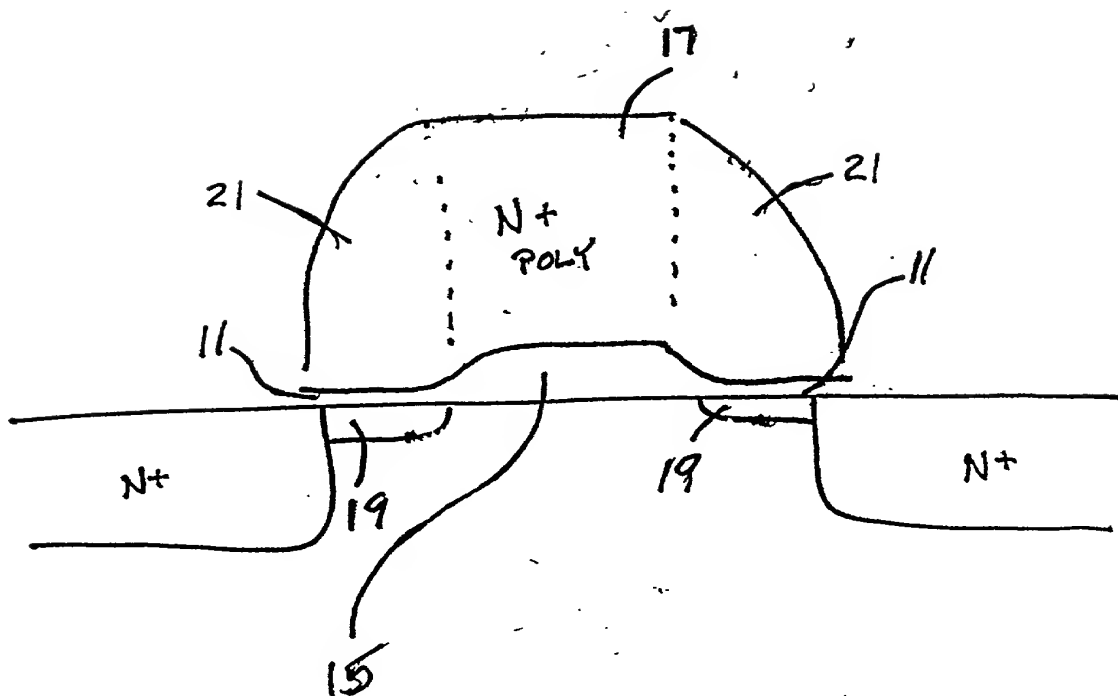
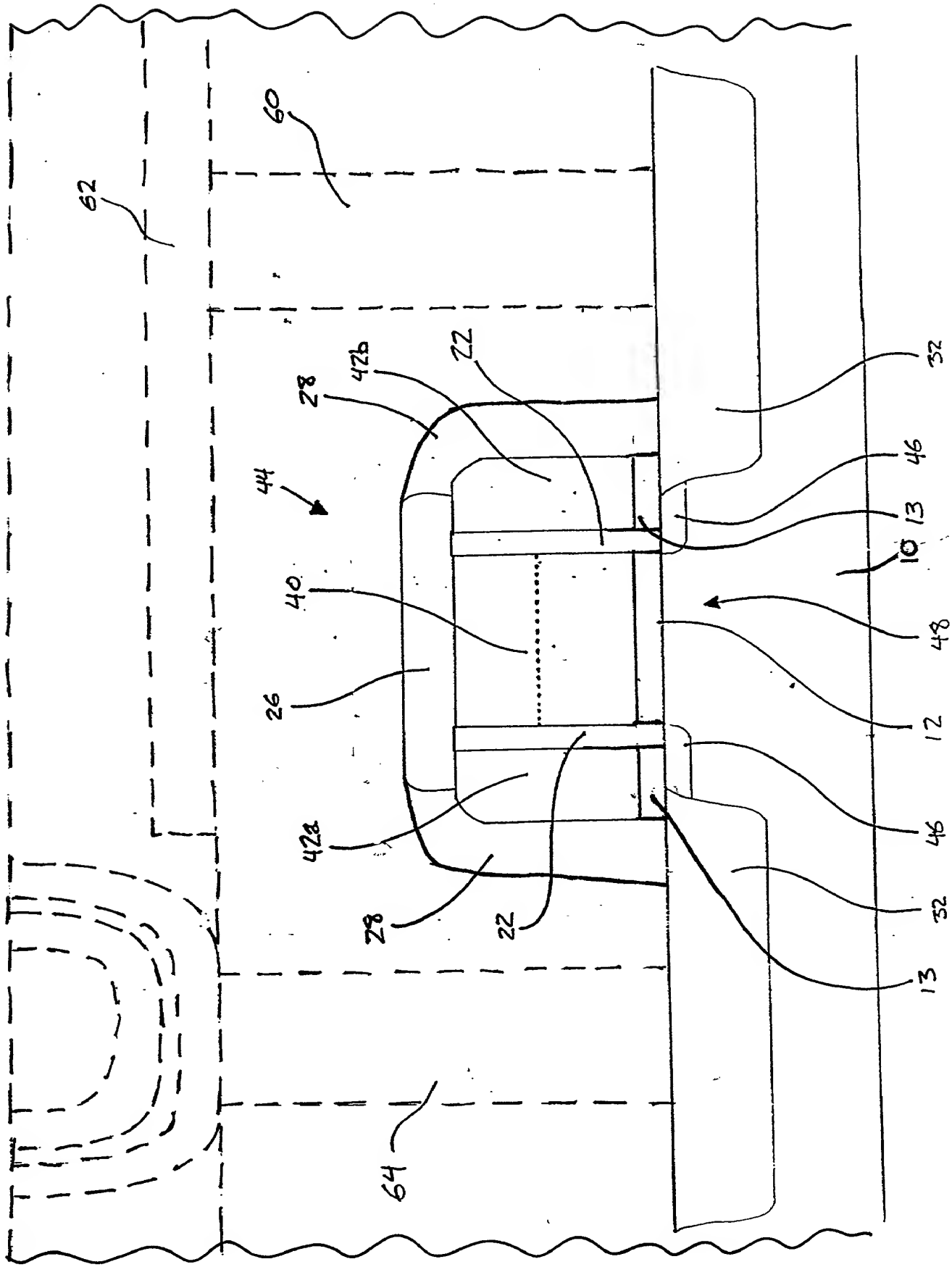


FIG. 2

66



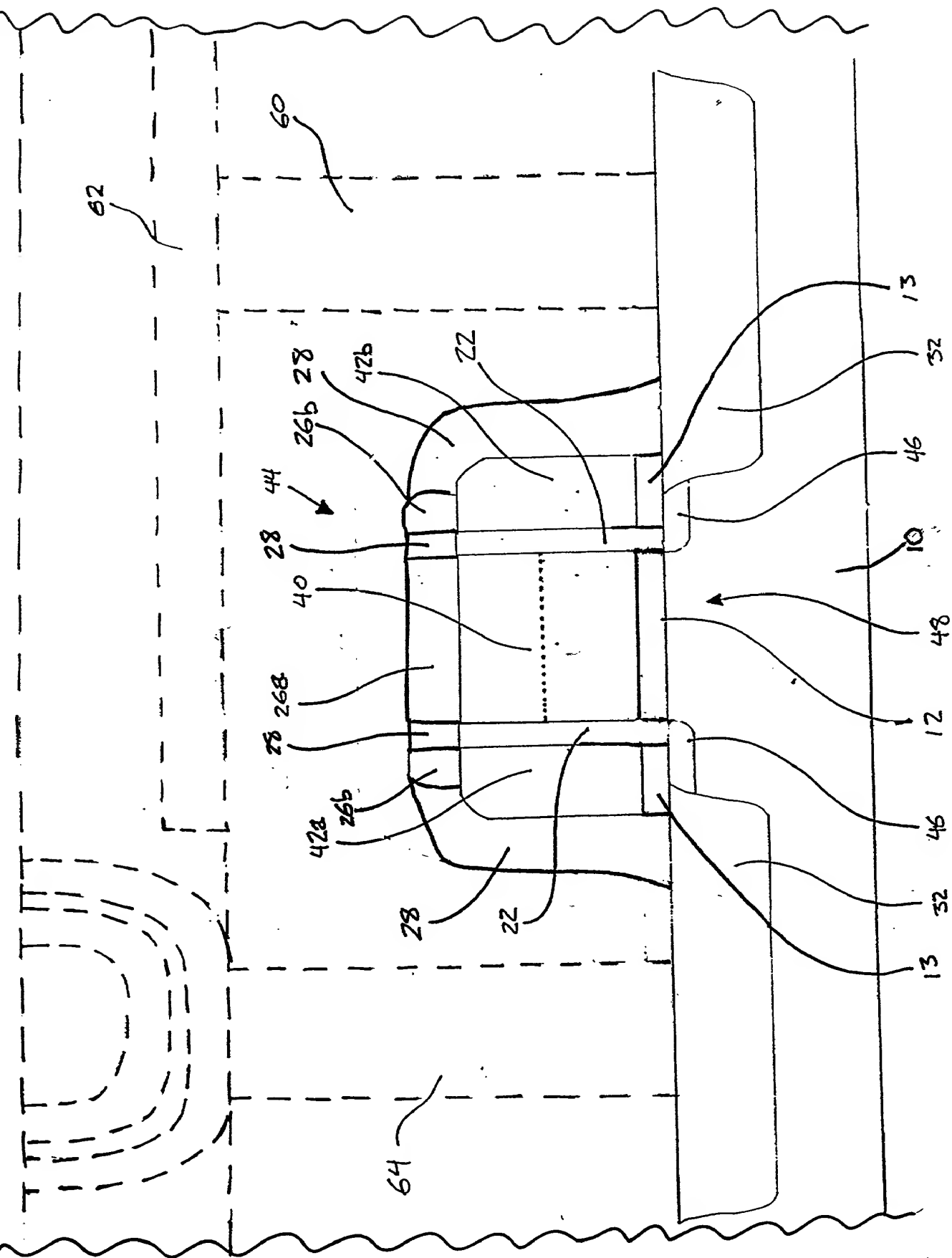
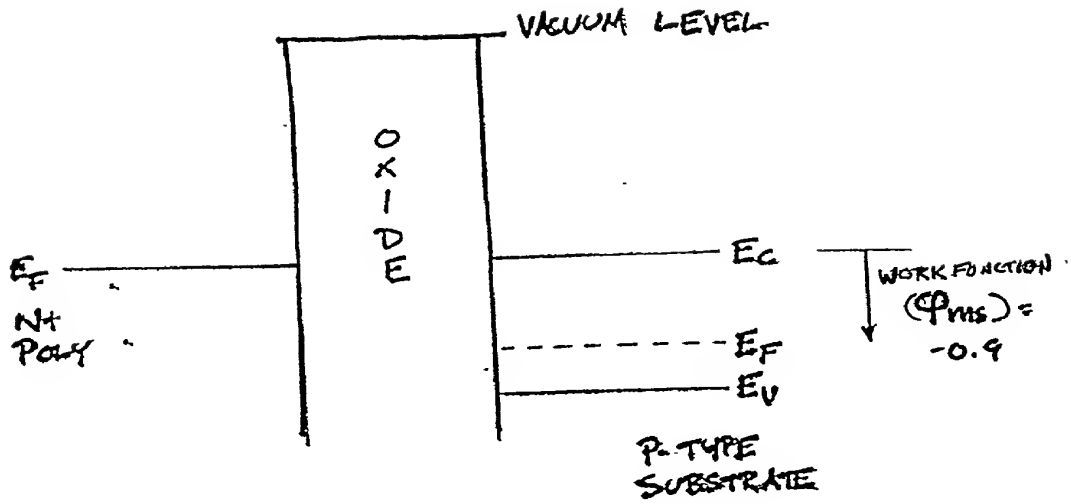
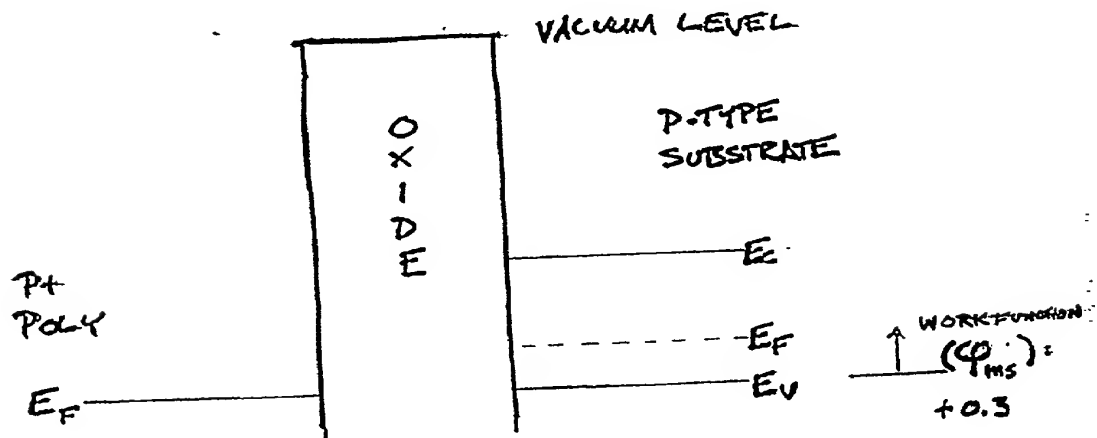


FIG. 3a



LOW  $V_t$  REGION

FIG. 3b



HIGH  $V_t$  REGION

FIG. 4

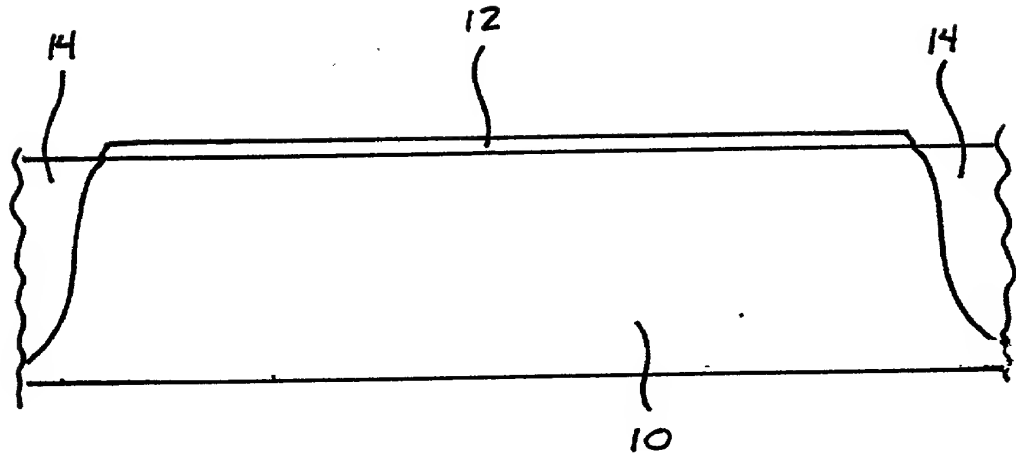


FIG. 5

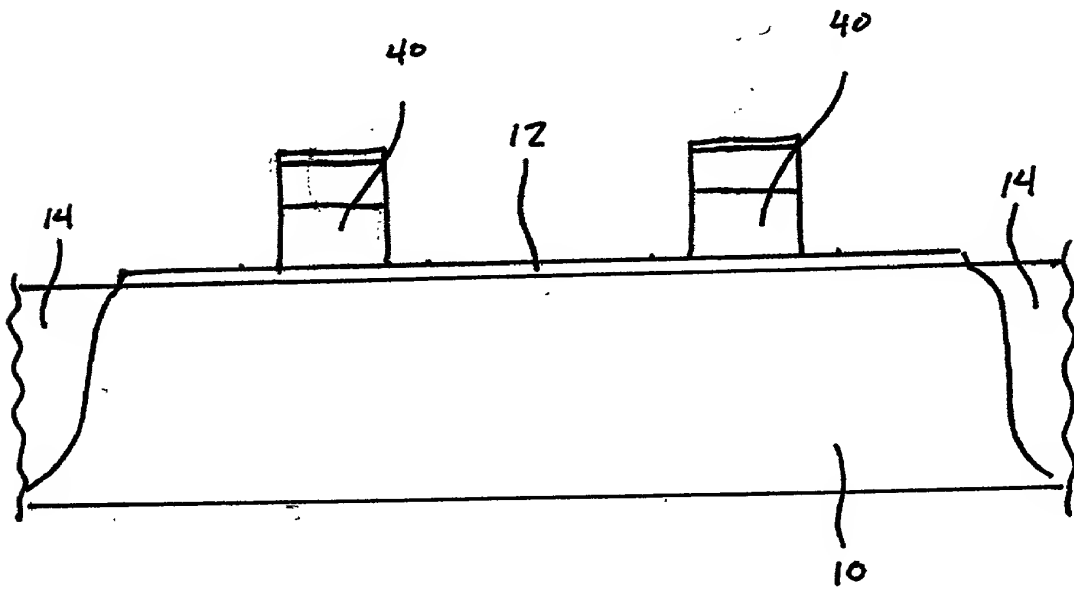


FIG. 6

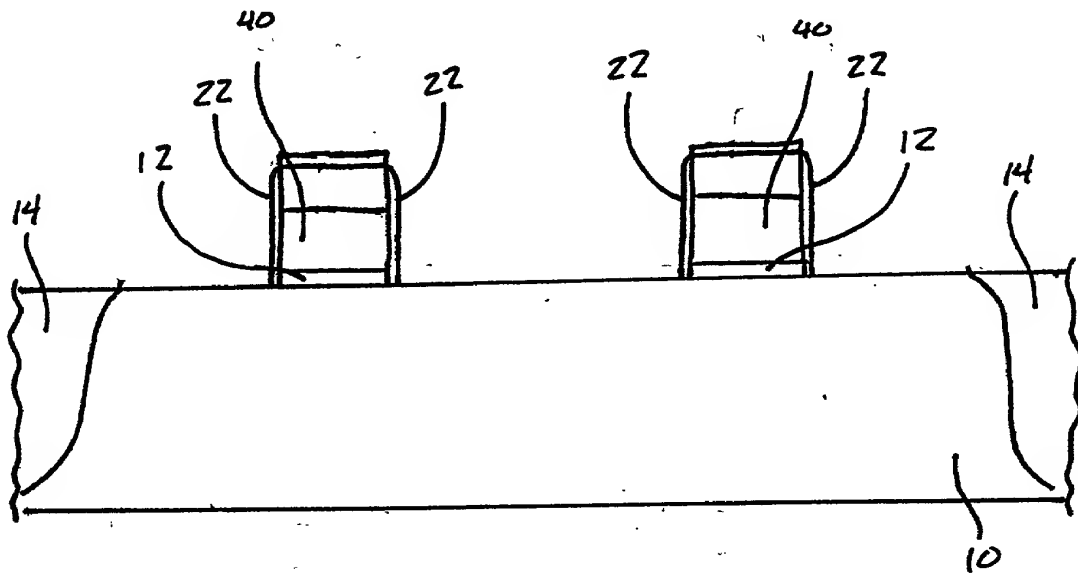


FIG. 7

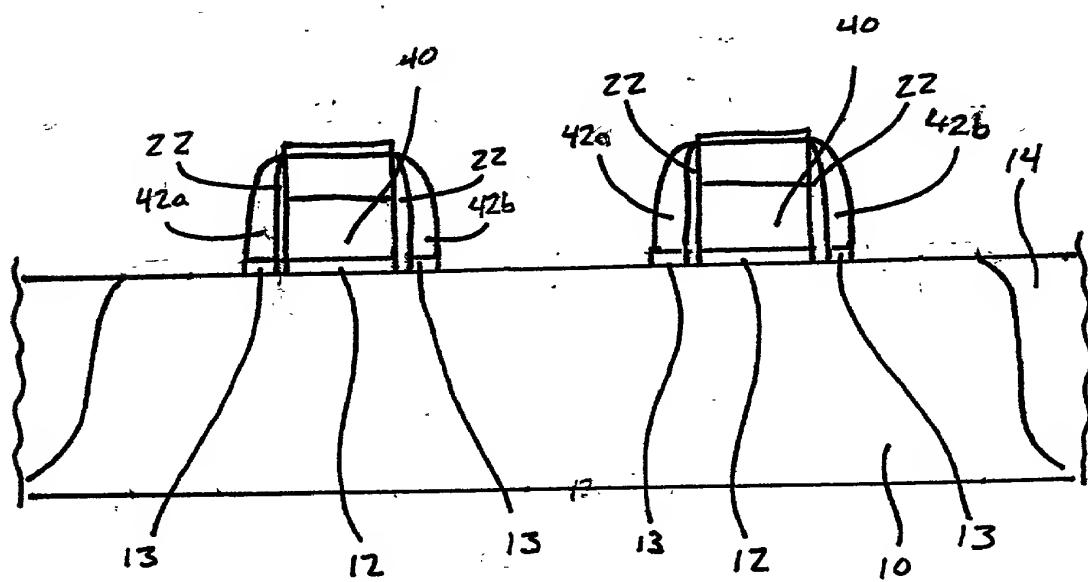


FIG. 8

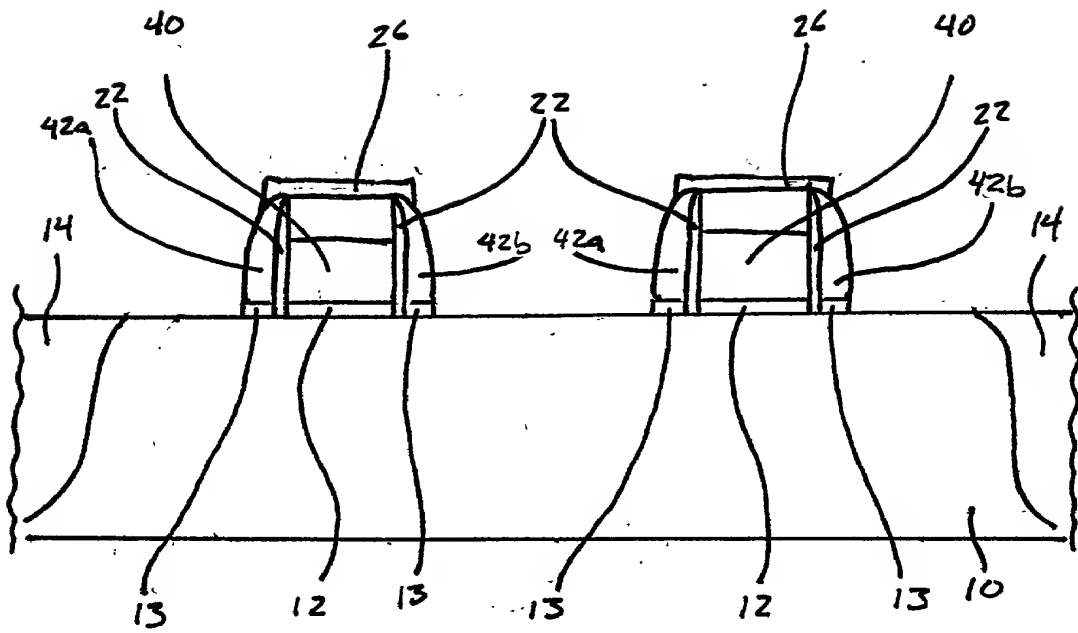


FIG. 9

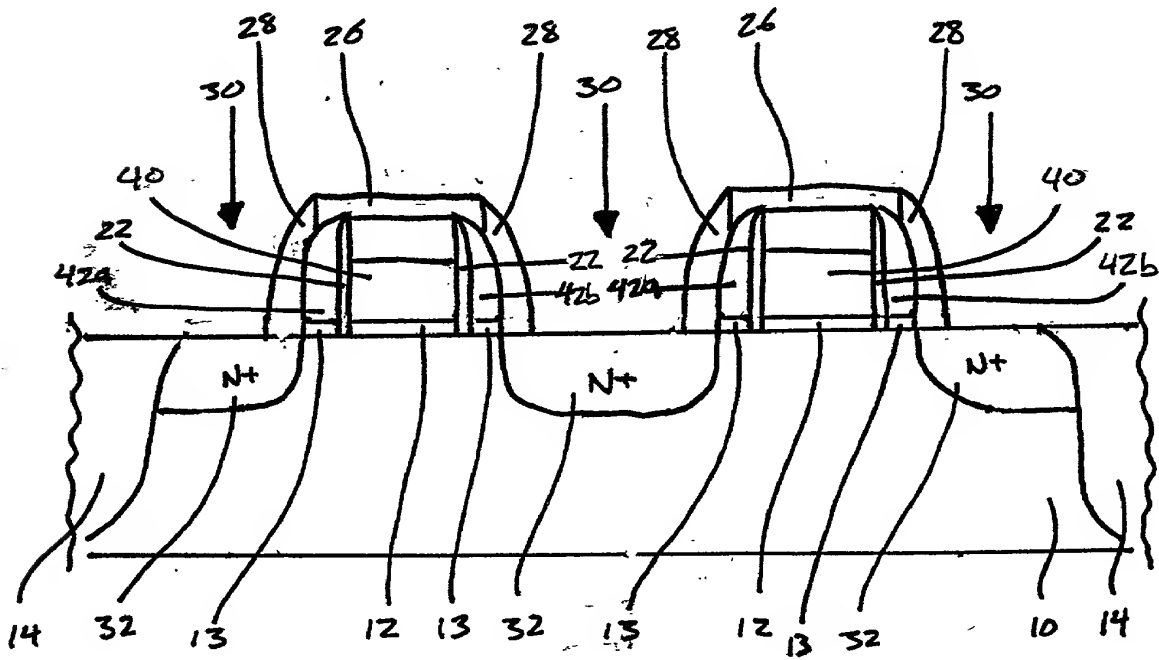




FIG 10a

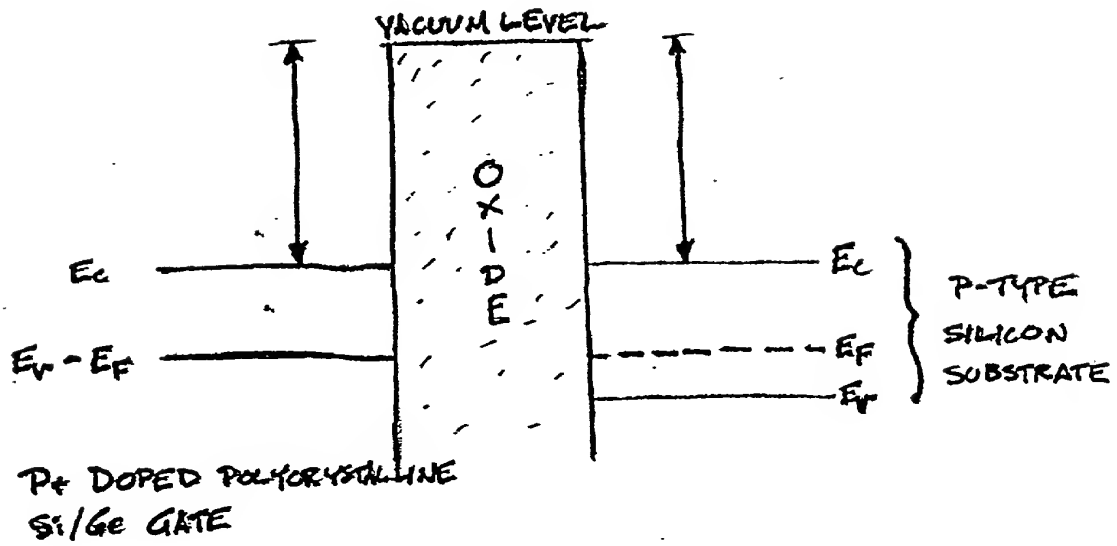


FIG. 10b

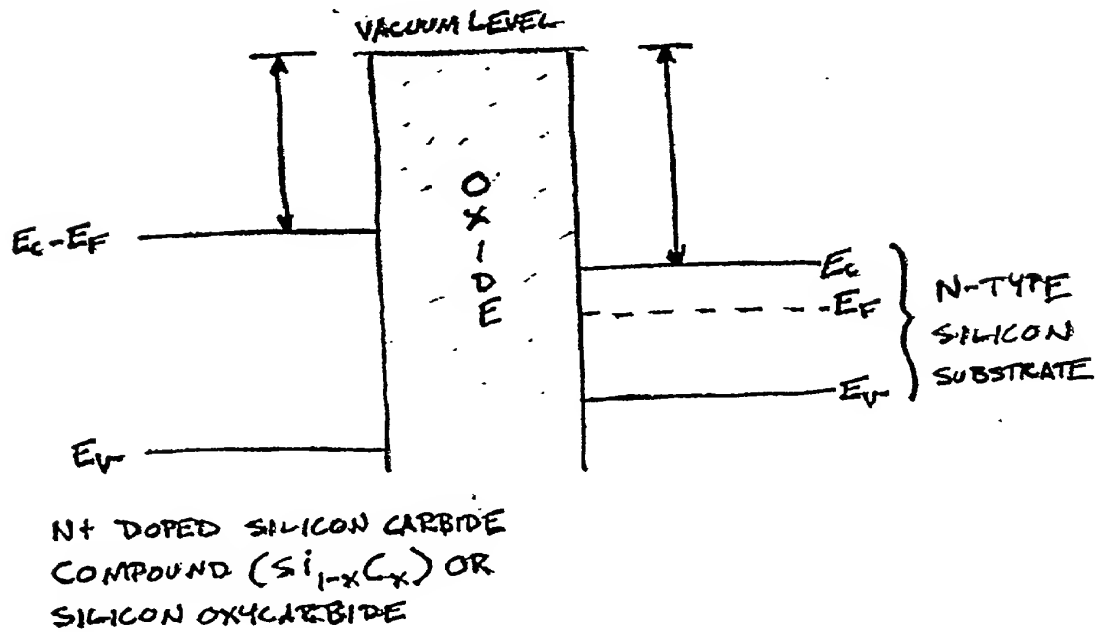


FIG. 11

